



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D2348
Job Sheet 211687



Part No: D2348

Job Qty: 20 pcs

Part Name: Wearplate (Key Way)



Part Weight: 0 lbs

Status: New

DAS
21
9-89

Priority: Medium

Job Created: 7/24/20

Job Tracking No:

Due Date: 8/24/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV C IPP Rev A Removed from 9 Digit 05-12-05 JLM IPP Rev:B Now on Waterjet 06-07-03 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	20 pcs		8/17/20	0.01	0.74	Waterjet - Flow		OK 20/07/31
120	QC 8	20 pcs		8/17/20	0.00	0.00	QC 8 - 12		
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
							QC 8 - 47		
							QC 8 - 40		JUL 31 2020 40 9-89
							QC 8 - 52		
							QC 8 - 23		
							QC 8 - 57		
							QC 8 - 76		
							QC 8 - 61		
							QC 8 - 66		
							QC 8 - 73		



Container No: S291236



Part: D2348

Job No: 211687

Serial No/Batch: S291236

Revision: Rev C

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/18/20

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				QC 8 - 82	
150	Outsource - 4 - Anodize	20 pcs	8/22/20	ATG001-VC	5
				2020-08-11	
160	Packaging 2-1 - Receive - B4B	20 pcs	8/22/20	0.00 0.00	
				Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
170	QC 6	20 pcs	8/22/20	0.00 0.00	
				QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
				QC 6 - 82	
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180	Small Fab - 2 - B4B	20 pcs	8/24/20	0.00 0.55	
				Small Fab - 1 - B4B	
				Small Fab - 2 - B4B	
				Small Fab - 3 - B4B	
				Small Fab - 4 - B4B	
				Small Fab - 5 - B4B	
				Small Fab - 6 - B4B	
				Small Fab - 7 - B4B	
				Small Fab - 8 - B4B	
				Small Fab - 9 - B4B	
				Small Fab - Various 1 - B4B	
				DAS 58 9-89	
				AUG 1 8 2020	
190	QC 5	20 pcs	8/24/20	0.00 0.00	
				QC 5 - 10	
				QC 5 - 12	

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				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	DAS
				QC 5 - 30	81
				QC 5 - 40	9-89
				QC 5 - 61	
				QC 5 - 81	
				QC 5 - 82	
200	Packaging 3-1 - Stock - B4B	20 pcs	8/24/20	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
					Packaging 3 - 37 - B4B
210	QC 21 - SA	20 pcs	8/24/20	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 9
					QC 21 - SA - 77

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Part Op 100 - 1-Cut as per Dwg D2348

Descriptions: 120 - (QC8- Inspect parts - second check)

150 - Issue P/O: 46879 Black Anodize per Dwg D2348 Rev. C

160 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached

180 - (Small Fab) Install Insert as per Dwg D2348

190 - (QC5- Inspect part completeness to step on W/O)

200 - (Identify as per dwg & Stock Location: _____)

210 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6S.063	6061-T6 .063 Sheet	.3960 sf (.0198 ea)	100-Waterjet - Flow - 1	<u>5227116</u>
D3996-FE-832-EF	Self-Clinching Fastener	80 pcs (4 ea)	180-Small Fab - 2 - B4B	<u>5243416</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M6061T6S.063	0	339	0
180-Small Fab - 2 - B4B	D3996-FE-832-EF	80	413	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Wear Plate	0.250Inches ± 0.010	0.260 0.240		<u>.249</u>
2	Wear Plate	0.648Inches ± 0.010	0.658 0.638		<u>.647</u>
3	Wear Plate	0.795Inches ± 0.005	0.800 0.790		<u>.794</u>
4	Wear Plate	2.046Inches ± 0.010	2.056 2.036		<u>2.047</u>
5	Wear Plate	1.295Inches ± 0.010	1.305 1.285		<u>1.297</u>
6	Wear Plate	0.656Inches + 0.005 - 0.000	0.661 0.656	Diameter	<u>.656</u>
7	Wear Plate	0.290Inches + 0.003 - 0.000	0.293 0.290	Diameter	<u>Ø.291</u>
8	Wear Plate	0.250Inches ± 0.010	0.260 0.240	Diameter	<u>.248</u>
9	Wear Plate	0.250Inches ± 0.010	0.260 0.240		<u>.252</u>
10	Wear Plate	0.648Inches ± 0.010	0.658 0.638		<u>.648</u>
11	Wear Plate	1.546Inches ± 0.005	1.551 1.541		<u>1.544</u>

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

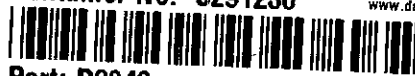
NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____ 					



Container No: S291236



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Hawkesbury, ON K6A 1K7

CANADA

TEL: 1 813 632-5200

Email: sales@dartaero.com

www.dartaerospace.com

Date: 07/31/20



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046879



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046879

PO Date: 8/11/20

Due Date: 8/21/20

Purchase Order

Revision:

Revision Date:

Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	211687	D2348	D2348 Rev C DAS 82 9-89	Wearplate (Key Way) : Various STC's Issue P/O: Black Anodize per Dwg D2348 Rev. C	Firmed X30	-	8/21/20	30 pcs	0 pcs	30 pcs	\$4.87/pcs	\$146.10
2	211896	D4703-043	D4703 Rev C	Lock Pin Base : Various STC's Issue P/O to ATG: -HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2 -As Per Dwg D4703 -Material type: 6061T6 -Certificate of Conformity is required	Firmed X20	-	8/21/20	20 pcs	0 pcs	20 pcs	\$3.62/pcs	\$72.40
3	211333	647.1711	647.1700 REV.F	Plate : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) Issue P/O to ATG :	Firmed	-	8/21/20	13 pcs	0 pcs	13 pcs	\$31.17/pcs	\$405.21
4	211334	647.1712	647.1700 Rev.F	Gusset : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 647.1700 Rev. E	Firmed	-	8/21/20	24 pcs	0 pcs	24 pcs	\$13.57/pcs	\$325.68

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PURCHASE ORDER

POHB046879



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	211962	646.3110	646.3100 Rev N/C	Channel : Various STC's Issue P/O to ATG : 1- Hard Anodize Black and Prime as per Dwg 646.3100	Firmed	-	8/21/20	12 pcs	0 pcs	12 pcs	\$19.02/pcs	\$228.24
6	211967	650.9201	650.9200 Rev A1	Eyelet Bracket Assembly : Various STC's Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 650.9200	Firmed	-	8/21/20	16 pcs	0 pcs	16 pcs	\$7.52/pcs	\$120.32
7	211963	646.3210	646.3200 Rev NC	Support : Various STC's Issue P/O to ATG : 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	-	8/21/20	12 pcs	0 pcs	12 pcs	\$15.27/pcs	\$183.24
8	211112	RB H4713- 1	RB H4713 Rev F	Drain Hose Body -Issue P/O to ATG -ANODIZE COLOR RED, PER IAW MIL-A- 8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RB910- 0020-1 Rev. 2	Firmed X4	-	8/21/20	4 pcs	0 pcs	4 pcs	\$4.87/pcs	\$19.48
9	211514	RBT18609- 1	RBT18609 Rev 4A	Top Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material; 6061 -Certificate of Conformity is required	Firmed X2	-	8/21/20	2 pcs	0 pcs	2 pcs	\$4.87/pcs	\$9.74

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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	211515	RBT18609-2	RBT18609 Rev 4A	Lower Body Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant -Material; 6061 -Certificate of Conformity is required	Firmed <i>X2</i>	-	8/21/20	2 pcs	0 pcs	2 pcs	\$4.87/pcs	\$9.74

AUG 18 2020

Grand Total: \$1,520.15

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Guerin

Plex 8/17/20 3:01 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Pack List

Number: 920653

Date: 17-Aug-20

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 30 ea	Part: D2348 Wearplate (Key Way) Anodize per MIL-A-8625F, Type II, Class2, Black, .0004-.0010" (4 - 1 mils). Job: 27938 PO: POHB046879		Rev: C Line: 1
	DAS 82 9-89		
2 ea	Part: RBT18609-2 Lower Body Anodize per MIL-A-8625F, Type II, Class2, Black, .0004-.0010" (4 - 1 mils). Job: 27947 PO: POHB046879		Rev: 4A Line: 10
✓ 20 ea	Part: D4703-043 Lock Pin Base Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Job: 27939 PO: POHB046879		Rev: C Line: 2
	RECEIVED AUG 17 2020 DART AIRSPACE LTD.		
4 each	Part: RB H4713-1 Drain Hose Body Anodize per MIL-A-8625F, Type II, Class2, Red, .0004-.0010" (4 - 1 mils).Water Sealant, Job: 27945 PO: POHB046879		Rev: F Line: 8
	1-Bte.		
2 ea	Part: RBT18609-1 Top Anodize per MIL-A-8625F, Type II, Class2, Black, .0004-.0010" (4 - 1 mils).		Rev: 4A 17/08/2020 Me
	Made in Canada.		

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RECEIVED
AUG 17 2020
DART AEROSPACE LTD.

1-Bte

17/08/2020
Me



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920653

Date: 17-Aug-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Job: 27946 PO: POHB046879 Line: 9		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>AUG 17 2020</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
DAS 82 9-89			
Made in Canada.			